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Fax Transmission | July 14, 2004

TO: Commissioner for Patents
 Attn: Examiner Anthony D. Tugbang
 P.O. Box 1450
 Alexandria, VA 22313-1450

FROM: Douglas P. Mueller

OUR REF: 10873.0805USD1
 TELEPHONE: 612.371.5237

Total pages, including cover letter: 9

PTO FAX NUMBER 1-(703) 872-9306

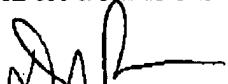
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Title of Document Transmitted:

AMENDMENT & RESPONSE

Applicant: HIRAMOTO et al.
 Serial No.: 10/688147
 Filed: October 16, 2003
 Group Art Unit: 3729
 Our Ref. No.: 10873.0805USD1
 Confirmation No. 9228

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By: 

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 Reg. No.: 30,300

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Celyn Oakman
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July 14, 2004

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: HIRAMOTO et al. Examiner: Anthony D. Tugbang
Serial No.: 10/688147 Group Art Unit: 3729
Filed: October 16, 2003 Docket No.: 10873.0805USD1
Title: MAGNETORESISTIVE ELEMENT, METHOD FOR MANUFACTURING
THE SAME, AND METHOD FOR FORMING A COMPOUND
MAGNETIC THIN FILM

CERTIFICATE UNDER 37 CFR 1.6(d):

I hereby certify that this paper is being transmitted by facsimile to the U.S. Patent and Trademark Office on July 14, 2004.

By: Celyn Oakman
Name: Celyn Oakman

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT & RESPONSE

Dear Sir:

In response to the Office Action mailed April 15, 2004, please amend the above-identified application as follows:

Amendments to the Specification begin on page 2 of this paper

Amendments to the Abstract begin on page 3 of this paper

Amendments to the Claims are reflected in the listing of claims that begins on page 4 of this paper.

Remarks begin on page 6 of this paper.